

Docket No.: 50212-351

**UTILITY PATENT APPLICATION  
UNDER 37 CFR 1.53(b)**

Box PATENT APPLICATION

## Commissioner for Patents

Washington, DC 20231

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Transmitted herewith for filing is the patent application of:

INVENTOR: Toshiki TARU, Shinji ISHIKAWA, Akira INOUE

## FOR: OPTICAL FIBER AND FIBER GRATING DEVICE

Enclosed are:

22 pages of specification, claims, abstract.

Declaration and Power of Attorney.

Priority Claimed.

Certified copy of Japanese Patent Application No. 2001-055348

9 sheets of formal drawing.

An assignment of the invention to Sumitomo Electric Industries, Ltd.  
and the assignment recordation fee.

An associate power of attorney.

A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.

Information Disclosure Statement, Form PTO-1449 and references.

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Applicant is entitled to claim Small Entity status.

The filing fee has been calculated as shown below:

	NO. OF CLAIMS	EXTRA CLAIMS	RATE	AMOUNT
Total Claims	5	-20	0	\$18.00
Independent Claims	1	-3	0	\$84.00
		Multiple Dependent Claims)		\$0.00
		Basic Fee		\$740.00
		Total of Above Calculations		\$740.00
		Less $\frac{1}{2}$ for Small Entity		\$0.00
		Assignment & Recording Fee		\$40.00
		Total Fee		\$780.00



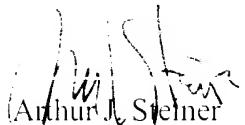
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PATENT TRADEMARK OFFICE

- Please charge my Deposit Account No. 500417 in the amount of \$780.00. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 500417. A duplicate copy is enclosed.
  - Any additional filing fees required under 37 CFR 1.16.
- The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 500417. A duplicate copy of this sheet is enclosed.
  - Any patent application processing fees under 37 CFR 1.17.
  - Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



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